**Supplemental Table 1. Abbreviations in Figures**

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| A | Amnion |
| AP | Alar plate |
| BOC | Basioccipital bone, cartilage primordium |
| BP | Basal plate |
| C | Capillary |
| CA1-3 | Cornua ammonis 1-3 |
| CB | Cerebellum |
| CB I-X | Cerebellar lobe I-X |
| CBC | Cerebellar cortex |
| CBM | Cerebellar medulla |
| CBP | Cerebellar primordium |
| CC | Corpus callosum |
| CDC | Caudal commissure |
| CDP | Caudate/putamen |
| CEN | Central canal |
| CF | Choroidal fissure |
| CG | Cingulated cortex |
| CHP | Choroid plexus |
| CL | Central lobe |
| CN | Cranial nerve ganglion (neural crest) |
| CNP | Caudal neuropore |
| CP | Cortical plate |
| CPE | Choroid plexus epithelial cell |
| CS | Corpus striatum |
| CTX | Cortex |
| CTX I-VI | Cortical layers I-VI |
| D | Diencephalon |
| DER | Dermatome |
| DG | Dentate gyrus |
| DH | Dorsal horn |
| DM | Dura mater |
| DMF | Dorsal median fissure |
| DR | Dorsal nerve root |
| DRG | Dorsal root ganglion |
| E | Esophagus |
| EB | Exoccipital bone |
| ECT | Ectoderm |
| EGL | External granular cell layer |
| EL | Eyelid |
| ELS | Endolymphatic sac |
| EM | Ectomeninx |
| END | Endoderm |
| EOM | Extrinsic ocular muscle |
| EP | Ependymal layer |
| FBA | First branchial arch |
| FC | Falx cerebri |
| FP | Floor plate |
| FV | Fourth ventricle |
| FVR | Fourth ventricle roof |
| GL | Granular cell layer |
| GT | Germinal trigone |
| H | Hippocampus |
| HF | Head fold |
| HIF | Hippocampal fissure |
| HIL | Hilus |
| HRT | Heart |
| HT | Hypothalamus |
| HTS | Hypothalamic sulcus |
| HV | Head vein |
| I | Cranial nerve I (olfactory) |
| IA | Interthalamic adhesion |
| IC | Internal capsule |
| IFR | Infundibular recess |
| IGL | Internal granular cell layer |
| IRS | Intraretinal space |
| IVF | Interventricular foramen |
| IXG | Cranial nerve IX (glossopharyngeal) ganglion |
| IZ | Intermediate zone |
| LF | Lateral funiculus |
| LGE | Lateral ganglionic eminence |
| LM | Leptomeninges |
| LN | Lens |
| LT | Lamina terminalis |
| LV | Lateral ventricle |
| LX | Larynx |
| M | Mesenchyme |
| MAN | Mantle layer |
| MAR | Marginal layer |
| MBR | Midbrain roof |
| MCL | Molecular cell layer |
| MDS | Median sulcus |
| MES | Mesoderm |
| MGE | Median ganglionic eminence |
| MO | Medulla oblongata |
| MOR | Medulla oblongata roof |
| MP | Medullary plate |
| MS | Mesencephalon |
| MT | Metencephalon |
| MV | Mesencephalic vesicle |
| MY | Myelencephalon |
| MYF | Myencephalon floor |
| MYO | Myotome |
| MZ | Marginal zone |
| N | Notochord |
| NC | Nasal cavity |
| NCR | Neural crest cell |
| NECT | Neuroectoderm |
| NF | Neural fold |
| NG | Neural groove |
| NL | Neural lumen |
| NPC | Neopallial cortex |
| NPH | Nasopharynx |
| NPL | Neural plate |
| NR | Neural retina |
| NT | Neural tube |
| O | Oropharynx |
| OB | Olfactory bulb |
| OE | Optic eminence |
| OL | Olfactory lobe |
| OLE | Olfactory epithelium |
| OLV | Olfactory ventricle |
| OM | Occipital myotome |
| OP | Olfactory placode |
| OR | Optic recess |
| OS | Optic stalk |
| OTV | Otic vesicle |
| OV | Optic vesicle |
| OVE | Optic vesicle neuroepithelium |
| P | Pons |
| PD | Pars distalis (adenohypophysis) |
| PG | Pituitary gland |
| PI | Pars intermedia |
| PIN | Pinna |
| PL | Purkinje cell layer |
| PM | Pia mater |
| PMS | Primitive streak |
| PN | Pars nervosa (neurohypophysis) |
| PNG | Pineal gland |
| PNR | Pineal recess |
| PO | Polymorph layer |
| POL | Posterior lobe |
| POS | Preoptic sulcus |
| PP | Cortical preplate |
| PRO | Prosencephalon |
| PS | Pituitary stalk |
| PV | Prosencephalic vesicle |
| RBL | Rostrobasal lobe |
| RCO | Rostral commissure |
| RDL | Rostrodorsal lobe |
| RFP | Roof plate |
| RHO | Rhombencephalon |
| RL | Rhombic lip |
| RMS | Rostral migratory stream |
| RNP | Rostral neuropore |
| RON | Rostral olfactory nucleus |
| RP | Rathke’s pouch |
| RPE | Retinal pigmented epithelium |
| S | Somite |
| SA | Saccule/utricle |
| SAS | Subarachnoid space (future) |
| SBP | Cortical subplate |
| SC | Spinal cord |
| SCC | Semicircular canal |
| SE | Surface ectoderm |
| SL | Sulcus limitans |
| SLM | Stratum lacunosum-moleculare |
| SLU | Stratum lucidum |
| SO | Subcommissural organ |
| SOR | Stratum oriens |
| SP | Soft palate |
| SPY | Stratum pyramidale |
| SR | Stratum radiatum |
| SZ | Subventricular zone |
| T | Telencephalon |
| TBC | Turbinate bone, cartilage primordium |
| TC | Tentorium cerebelli |
| TEC | Tectum |
| TEV | Telencephalic vesicle |
| TG | Tail gut |
| TH | Thalamus |
| TO | Tongue |
| TV | Third ventricle |
| VC | Vertebrae, cartilage primordium |
| VF | Ventral funiculus |
| VG | Cranial nerve V (trigeminal) ganglion |
| VH | Ventral horn |
| VII | Cranial nerve VII (facial) |
| VIIG | Cranial nerve VII (facial) ganglion |
| VIIIG | Cranial nerve VIII (vestibulocochlear) ganglion |
| VL | Ventral lobe |
| VR | Ventral nerve root |
| VSA | Ventral spinal artery |
| VZ | Ventricular zone |
| XI | Cranial nerve XI (accessory) |
| XIIR | Cranial nerve XII (hypoglossal) rootlets |